

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| 101      | 424  | ((385/88).CCLS.) or ((385/92).CCLS.) or ((385/94).CCLS.) or ((385/89).CCLS.) or ((385/49).CCLS.) or ((385/14).CCLS.) or ((385/31).CCLS.)) and ((fiber or waveguide) near3 optic\$4) and ((clear or transparen\$) with (embed\$ or encapsul\$ or capsul\$ or cover\$3 or hous\$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/14 11:13 |
| 102      | 9    | ("4410469"   "5040868"   "5708743"   "5984534"   "6236786"   "6312624"   "6328484"   "6422766"   "6454470").PN.   | USPAT                                       | 2004/10/14 09:52 |
| 103      | 2    | wo-9845741-\$ did.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/14 10:12 |
| 104      | 2    | ("6049639").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/14 11:14 |
| 105      | 2    | ("6075908").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/14 11:14 |
| -        | 1075 | (385/88).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25 15:55 |
| -        | 725  | (385/92).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25 15:55 |
| -        | 427  | (385/93).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25 15:55 |
| -        | 257  | (385/94).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25 15:55 |
| -        | 856  | (385/53).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25 15:56 |

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|---|--------|---|---|---------------------|
| - | 46180  | substrate and optic\$ and fiber   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:47 |
| - | 37730  | optoelectr\$ or opto?electr\$ or (opto adj electr\$)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:51 |
| - | 544183 | packag\$3   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:51 |
| - | 8696   | (substrate and optic\$ and fiber) and packag\$3   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:51 |
| - | 1050   | (optoelectr\$5 or opto?electr\$5 or (opto adj electr\$5)) and ((substrate and optic\$ and fiber) and packag\$3)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:53 |
| - | 2959   | (total adj internal\$ adj reflect\$) and mirror   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/08/26<br>18:55 |
| - | 59     | ((optoelectr\$5 or opto?electr\$5 or (opto adj electr\$5)) and ((substrate and optic\$ and fiber) and packag\$3)) and ((total adj internal\$ adj reflect\$) and mirror) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25<br>15:44 |
| - | 2      | ("6015239").PN.   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25<br>15:44 |
| - | 2234   | (encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (fiber with coupl\$ with assembl\$)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25<br>17:42 |
| - | 468    | (385/93).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25<br>17:29 |

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|  | 938   | (385/53).CCLS.   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/25<br>17:33 |
|  | 299   | ((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (fiber with coupl\$ with assembl\$)) and substrate and (housing or enclosure)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/26<br>08:25 |
|  | 542   | ((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (optic\$2 with fiber)) and substrate and (housing or enclosure) and (optoelectron\$ or opto?electron\$)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/26<br>08:37 |
|  | 256   | (((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (optic\$2 with fiber)) and substrate and (housing or enclosure) and (optoelectron\$ or opto?electron\$)) and transparen\$                        | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/26<br>08:31 |
|  | 23    | (((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (optic\$2 with fiber)) and substrate and (housing or enclosure) and (optoelectron\$ or opto?electron\$)) and transparen\$) and barrel            | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/26<br>08:31 |
|  | 147   | (encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3) and (optic\$2 with fiber) and substrate and (housing or enclosure) and (optoelectron\$ or opto?electron\$) and (mirror with (reflect\$ or redirect\$)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/26<br>08:41 |
|  | 12    | ("4186995"   "4222629"   "4273413"   "4307934"   "4718744"   "4756590"   "4897711"   "4911519"   "4935856"   "5073003"   "5127075"   "5347605").PN.  | USPAT                                       | 2003/09/17<br>14:23 |
|  | 20    | 5515468.URPN.  | USPAT                                       | 2003/09/17<br>14:31 |
|  | 7     | ("3542451"   "3756688"   "3785716"   "3879606"   "3896305"   "4114177"   "4184070").PN.  | USPAT                                       | 2003/09/17<br>14:33 |
|  | 12    | 4346294.URPN.  | USPAT                                       | 2003/09/17<br>14:36 |
|  | 15248 | (encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3 or pot\$4) and (optic\$4 with fiber) and packag\$   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:49 |
|  | 44050 | (encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3 or pot\$4) and (optic\$4 with fiber) and (packag\$ or assembl\$)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:50 |

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|  | 3616 | ((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3 or pot\$4) with transparen\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:50 |
|  | 1014 | (((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3 or pot\$4) with transparen\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)) and coupl\$ and (mirror or reflect\$) and substrate   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:50 |
|  | 164  | (((encapsul\$ or surround\$4 or mold\$4 or seal\$3 or cover\$3 or pot\$4) with transparen\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)) and coupl\$ and (mirror or reflect\$) and substrate) and (optoelectron\$ or opto?electron\$ or (opto adj electron\$)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:48 |
|  | 4134 | (embed\$) and (optic\$4 with fiber) and packag\$  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:49 |
|  | 9456 | (embed\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:50 |
|  | 407  | ((embed\$) with transparen\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>14:50 |
|  | 110  | (((embed\$) with transparen\$) and (optic\$4 with fiber) and (packag\$ or assembl\$)) and coupl\$ and (mirror or reflect\$) and substrate   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/17<br>15:42 |
|  | 1696 | (385/88).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:06 |
|  | 735  | (385/89).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:06 |
|  | 1383 | (385/49).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:06 |

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|   | 3568 | (385/14).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:06 |
|   | 1552 | (385/31).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:07 |
|   | 1231 | (385/92).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:07 |
|   | 376  | (385/94).CCLS.  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:07 |
|   | 8462 | ((385/88).CCLS.) or ((385/92).CCLS.) or ((385/94).CCLS.) or ((385/89).CCLS.) or ((385/49).CCLS.) or ((385/14).CCLS.) or ((385/31).CCLS.)  | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/13<br>15:07 |
|   | 697  | (((385/88).CCLS.) or ((385/92).CCLS.) or ((385/94).CCLS.) or ((385/89).CCLS.) or ((385/49).CCLS.) or ((385/14).CCLS.) or ((385/31).CCLS.)) and (fiber near3 optic\$4) and (optic\$4 near4 (clear or transparen\$)) and (embed\$ or encapsul\$ or capsul\$ or cover\$3 or hous\$3)   | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/10/14<br>09:45 |
| - | 17   | ("4351585"   "4750795"   "4760569"   "4767171"   "4860294"   "4881789"   "5031984"   "5127075"   "5277930"   "5408559"   "5552918"   "5841562"   "5898803"   "6142680"   "6144784"   "6334716"   "6351584").PN.   | USPAT                                       | 2004/10/13 16:14    |
| - | 14   | ("4130345"   "4262362"   "4497536"   "4767171"   "5127075"   "5315609"   "5463707"   "5528407"   "5552918"   "5708743"   "6040934"   "6086263"   "6106160"   "6282000").PN.   | USPAT                                       | 2004/10/13<br>16:42 |
| - | 36   | ("4422088"   "4695120"   "4758092"   "4761620"   "4865427"   "4871224"   "4917450"   "4966430"   "4990465"   "5061027"   "5150182"   "5153770"   "5159700"   "5198684"   "5282080"   "5362976"   "5400419"   "5432630"   "5434434"   "5485021"   "5502779"   "5568574"   "5605856"   "5625636"   "5629838"   "5638469"   "5696862"   "5790730"   "5835646"   "5864642"   "5872360"   "5966234"   "5987196"   "6150188"   "6236786"   "6243509").PN. | USPAT                                       | 2004/10/13<br>16:47 |